

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plura ls	Time Stamp
S1	15982	Ajinomoto,AS.	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/27 12:26
S2	19286	Lion,AS.	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/27 12:18
S3	35258	S1 OR S2	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/27 12:18
S4	6	S3 AND (\$dodecanamid\$)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 08:59
S5	659	S3 AND (guanidine or guanidinyl or guanidin\$ or \$guanidine)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:01

**EAST Search History**

S6	663	S4 OR S5	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/27 12:29
S7	523	S6 AND @AD<="20030220"	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:25
S8	103	S7 AND (surfactant or soap or soap\$ or detergent or "wetting agent" or "surface active agent" or "surface active" or "surface-active agent" or "surface-active" or "surface stabilizer agent" or "surface stabilizer" or "surface-stabilizer agent" or "surface-stabilizer" or "surface stabilization agent" or "surface stabilization" or "surface-stabilization agent" or "surface-stabilization" or "surface stabiliser agent" or "surface stabiliser" or "surface-stabiliser agent" or "surface-stabiliser" or "surface stabilisation agent" or "surface stabilisation" or "surface-stabilisation agent" or "surface-stabilisation")	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:03

**EAST Search History**

S9	29	S7 AND ((surfactant or soap or detergent or "wetting agent" or "surface active agent" or "surface active" or "surface-active agent" or "surface-active" or "surface stabilizer agent" or "surface stabilizer" or "surface-stabilizer agent" or "surface-stabilizer" or "surface stabilization agent" or "surface stabilization" or "surface-stabilization agent" or "surface-stabilization" or "surface stabiliser agent" or "surface stabiliser" or "surface-stabiliser agent" or "surface-stabiliser" or "surface stabilisation agent" or "surface stabilisation" or "surface-stabilisation agent" or "surface-stabilisation") NEAR10 (nonionic or non-ionic or ionic or cationic or anionic or amphiphilic or amphipathic or amphoteric or amphiprotic or zwitterionic))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/27 12:31
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**EAST Search History**

S10	217	<p>S7 AND (antiseptic\$ or "anti-septic\$" or antisepticiz\$ or "anti-septiciz\$" or antisepicis\$ or "anti-septicis\$" or septic\$ or aseptic\$ or aseptiz\$ or aseptis\$ or asepsis or antisepsis or "anti-sepsis" or aseptif\$ or sanitiz\$ or sanitis\$ or deodoriz\$ or deodoris\$ or steriliz\$ or steriliis\$ or disinfect\$ or preservative or antifouling or "anti-fouling" or antibiofouling or "anti-biofouling" or germicid\$ or antimicrobial or "anti-microbial" or microbicid\$ or "micro-biocid\$" or biocid\$ or biostat or biostatics or phytocid\$ OR bactercid\$ or bacterioid\$ or bacterias\$ or bacteriostat\$ or bacterlastas\$ or bacteriastas\$ or bacterista\$ or bacteristas\$ or bacteristat\$ or bacteriocin or colicin or antibacterial or "anti-bacterial" or antibiotic or "anti-biotic" or antiricket\$ or "anti-ricket\$" OR virucid\$ or viricid\$ or antiviral or "anti-viral" OR fungicid\$ or antifungal or "anti-fungal" or antimycotic or "anti-mycotic" or antimycosis or "anti-mycosis" or slimicid\$ or mildewcid\$ OR aligid\$ or algaecd\$ or algeacid\$ OR acaricid\$ or acaracid\$ OR acaridicid\$ or arachnidicid\$ or arachnidoids\$ or arthropodicid\$ or avicid\$ or herbicid\$ or insecticid\$ or larvacid\$ or larvid\$ or miticid\$ or nematicid\$ or nematocid\$ or molluscicid\$ or molluskicid\$ or ovicid\$ or pesticid\$ or rodenticid\$ or termiticid\$)</p>	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:09
		7/31/2006 12:18:19 PM C:\Documents and Settings\asuzel\My Documents\EAST\Workspaces\10771535_Kanata\Guanidine Derivative.wsp				Page 4

**EAST Search History**

S11	269	S8 OR S9 OR S10	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/27 12:32
S12	1658	((guanidine or guanidinyl or guanidin\$ or \$guanidine) NEARS (amide or amido))	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/31 09:02

**EAST Search History**

S13	10	((guanidine or guanidinyl or guanidin\$ or \$guanidine) NEARS (amide or amido) NEARS (surfactant or soap or soaps or detergent or "wetting agent" or "surface active agent" or "surface active" or "surface-active agent" or "surface-active" or "surface stabilizer agent" or "surface stabilizer" or "surface-stabilizer agent" or "surface-stabilizer" or "surface stabilization agent" or "surface stabilization" or "surface-stabilization agent" or "surface-stabilization" or "surface stabiliser agent" or "surface stabiliser" or "surface-stabiliser agent" or "surface-stabiliser" or "surface stabilisation agent" or "surface stabilisation" or "surface-stabilisation agent" or "surface-stabilisation"))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:04
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**EAST Search History**

S14	19	((guanidine or guanidinyl or guanidin\$ or \$guanidine) NEARS (amide or amido) NEARS (antiseptic\$ or "anti-septics" or antisepticiz\$ or "anti-septiciz\$" or antisepticis\$ or "anti-septicis\$" or septic\$ or aseptic\$ or aseptiz\$ or aseptis\$ or asepsis or antisepsis or "anti-sepsis" or aseptif\$ or sanitiz\$ or sanitis\$ or deodoriz\$ or deodoris\$ or steriliz\$ or sterilis\$ or disinfect\$ or preservative or antifouling or "anti-fouling" or antibiofouling or "anti-biofouling" or germicid\$ or antimicrobial or "anti-microbial" or microbiocid\$ or "micro-biocid\$" or biocid\$ or biostat or biostatic\$ or phytocid\$ OR bactericid\$ or bacteriocid\$ or bacteriostas\$ or bacteriostat\$ or bacteriastas\$ or bacteriastat\$ or bacteristat\$ or bacteristat\$ or bacteriocin or colicin or antibacterial or "anti-bacterial" or antibiotic or "anti-biotic" or antiricket\$ or "anti-ricket\$" OR virucid\$ or viricid\$ or antiviral or "anti-viral" OR fungicid\$ or antifungal or "anti-fungal" or antimycotic or "anti-mycoctic" or antimycosis or "anti-mycoysis" or slimicid\$ or mildewcid\$ OR algicid\$ or algaecid\$ or algeacid\$ OR acaricid\$ or acaracid\$ or acaridicid\$ or arachnid\$ or arachnidid\$ or arthropodicid\$ or avicid\$ or herbicid\$ or insecticid\$ or larvacid\$ or larvid\$ or miticid\$ or nematicid\$ or nematocid\$ or molluscid\$ or molluskicid\$ or ovid\$ or pesticid\$ or rodenticid\$ or termiticid\$))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:04	
7/31/2006 12:18:19 PM	C:\Documents and Settings\wzheng\My Documents\EAST\Workspaces\10771535_Kenatan	Guanidine Derivative.wsp					Page 7

**EAST Search History**

S15	17	((guanidine or guanidinyl or guanidin\$ or \$guanidine) NEARS (amide or amido) NEARS (hair or shampoo or conditioner))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:05
S16	43	S13 OR S14 OR S15	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:09
S17	5	S16 AND (("alkali metal" or "alkali element" or "alkali cation" or "monovalent cation" or "mono-valent cation" or lithium or sodium or potassium or rubidium or cesium or francium or metal) NEAR2 (fluoride or fluorine or fluoro or fluorinated or chloride or chlorine or chloro or chlorinated or bromide or bromine or bromo or brominated or iodide or iodine or iodo or iodinated or halide or halogen\$ or halogen or halogenate or halogenated or halogenation))	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/31 09:10

**EAST Search History**

S18	8	S16 AND (osmolarity or osmotic or osmolyte or osmolytic or osmoregulat\$ or osmoadust\$ or osmoconform\$ or tonicity or tonicifier or hypertonic or isotonic or hypotonic or electrolyte or electrolytic or saline or "salt solution" or "saline solution" or "sodium chloride solution" or "potassium chloride solution" or "crystalloid solution")	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/31 11:12
S19	10	S17 OR S18	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/31 09:25
S20	7	S19 AND @AD<="20030220"	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/31 10:11
S21	40	((osmolarity or osmotic or osmolyte or osmolytic or osmoregulat\$ or osmoadust\$ or osmoconform\$ or tonicity or tonicifier or hypertonic or isotonic or hypotonic or electrolyte or electrolytic or saline or "salt solution" or "saline solution" or "sodium chloride solution" or "potassium chloride solution" or "crystalloid solution") NEAR5 ("sodium benzoate"))	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/31 11:18

**EAST Search History**

S22	519	((osmolarity or osmotic or osmolyte or osmolytic or osmoregulat\$ or osmoadust\$ or osmoconform\$ or tonicity or tonicifier or hypertonic or isotonic or hypotonic or electrolyte or electrolytic or saline or "salt solution" or "saline solution" or "crystalloid solution") NEAR1 ("sodium sulfate"))	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/07/31 11:20
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=> S 499222-90-1/RN 1 499222-90-1/RN

=> D SCAN L6

L6 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN  
IN Dodocanamide, N-[4-[(aminoiminomethyl)amino]butyl]-, monohydrochloride  
(9CI)  
MF C17 H36 N4 O . Cl H



H2N-C(=O)-NH-(CH2)4-NH-C(=O)-(CH2)10-Me

● HCl

=> S L6 4 16  
=> D 17 1B1B ABS HITSTR IND KWIC BD 1-4

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2004-70238 CAPLUS

TITLE: liquid composition containing a guanidine amide group  
INVENTOR(S): Kanatani, Eizo; Yumioka, Ryosuke; Miyazawa, Kiyoshi;  
Ikeda, Hiroko

PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan  
Bur. Pat. Appl., 12 pp.

SOURCE: CODEN: EXXDM  
Patent English

DOCUMENT TYPE:  
LANGUAGE:  
PATENT INFO:

PATENT NO. KIND DATE APPLICATION NO. DATE

EP 1449519 A1 20040825 EP 2004-250815 20040216  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

US 2004176464 A1 20040909 US 2004-771535 20040205  
KR 20007524 A 20040830 KR 2004-10324 20040217

JP 2000269518 A2 20040930 JP 2004-42406 20040219  
CN 1530089 A 20040922 JP 2004-10030297 A 20030220

PRIORITY APPLN. INFO.: MARPAT 141:212330

OTHER SOURCE(S):  
AB A liquid composition is described comprising a specific amide group-containing guanidine derivative or/and a salt thereof (component A) and at least one organic acid salt, a nonionic surfactant and an amphoteric surfactant with an action to suppress the generation of the precipitate of the component A. A method for suppressing the generation of the precipitate of the specific amide group-containing guanidine derivative or/and a salt thereof in a liquid composition containing the derivative or/and a salt thereof, as well as such liquid composition with improved storage stability can, thus, also be provided. For example, sodium chloride or potassium chloride was added to an aqueous 0.1% by weight solution of lauramide butylguanidine hydrochloride salt to various concns.,

for testing the storage stability at 25°. The states of the resulting solns. were confirmed visually, immediately after dissolv., one day later and 7 days later. The addition of sodium chloride or potassium chloride improved the storage stability. Great storage stability one day later and thereafter could be confirmed at 0.1% by weight or more of sodium chloride. The type and concentration of the additive can be modified, depending on the term and conditions required for the storage stability, in light of the product and form of the liquid composition.

IT 49922-90-1  
RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)  
RN 49922-90-1 CAPLUS  
CN Dodocanamide, N-[4-[(aminoiminomethyl)amino]butyl]-, monohydrochloride  
(9CI) (CA INDEX NAME)



H2N-C(=O)-NH-(CH2)4-NH-C(=O)-(CH2)10-Me

● HCl

IC ICM A61K007-50  
ICM A61K007-48; A61K007-32

CC 62-1 (Essential Oils and Cosmetics)  
Section cross-reference(s): 63

ST guanidine deriv amide liq  
surfactant pptsn suppression guanidine deriv amide liq

IT Mouthwashes  
(agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)

IT Salts; uses  
Sulfobetaines  
RL: MOA (Modifier or additive use); USES (Uses)

(agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)

IT Surfactants  
(amphoteric; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)

IT Retaines  
RL: MOA (Modifier or additive use); USES (Uses)

(carbo-; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)

IT Fatty acids; uses  
RL: MOA (Modifier or additive use); USES (Uses)

(ethoxylated; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)

IT Castor oil  
RL: MOA (Modifier or additive use); USES (Uses)

(hydrogenated, ethoxylated ester derivs.; agents for suppression of precipitation of liquid compns. containing amide group-containing

quantidines or their salts)

IT Betaines  
RL: MOA (Modifier or additive use); USES (Uses)



**IT** 161863-39-0 containing amido-containing guanidines) 161863-40-3 49922-90-1 49922-91-2  
 49222-92-3 49922-93-4 49923-19-7 66985-34-0 66985-36-2  
 66985-38-4  
**RL:** COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
 (nonirritating hair wave-setting and straightening preps. containing  
 amido-containing guanidines)

**ED** Entered STN: 11 Mar 2004

**L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN**  
**ACCESSION NUMBER:** 2003:516967 **CAPLUS**  
**DOCUMENT NUMBER:** 1391230985

**AUTHOR(S):** Cooperative Binding and the Conformation of Poly(L-glutamic Acid) in Guanidinium Salts with an Alkanoylamidoalkyl Group

**CORPORATE SOURCE:** T.; Fukui, H.; Hatano, K.; Kamio, K.; Miyake, M.; Tamura, T.; Hayakawa, K.  
 department of Chemistry and Bioscience, Faculty of Science, Kagoshima University, Kagoshima, 890-0065, Japan

**SOURCE:** Journal of Physical Chemistry B (2003), 107(32), 8218-8222

**CODEN:** JPCBFK; **ISSN:** 1520-6106

**PUBLISHER:** American Chemical Society

**DOCUMENT TYPE:** Journal

**LANGUAGE:** English

**AB** The authors investigated the change in the conformation of poly(L-glutamic acid),  $\text{P}(\text{Glu})$ , from a random coil to an  $\alpha$ -helix in solns. of quaternary salts with a dodecanoyleamidoalkyl group,  $\text{Me}(\text{CH}_2)_10\text{CONHC}(\text{NH})\text{NH}_2$  ( $\text{C}12\text{AmG}$ ;  $m = 2, 3, 4$ , 6).  $\text{C}12\text{AmG}$  and  $\text{C}12\text{AOG}$  ( $m = 2, 3, 4$ ) induced an  $\alpha$ -helix in  $\text{P}(\text{Glu})$ , but  $\text{C}12\text{AG}$  failed. Binding isotherms were constructed from the potentiometry of bound  $\text{C}12\text{AmG}$  and cooperative binding was observed, as found in many regular surfactants. All  $\text{C}12\text{AmG}$  gave a similar cooperative parameter and overall binding consts. of comparative order ( $113 + 103$  to  $255 + 103$ ). In contrast to the methylene group in regular surfactants, the methylene spacer in  $\text{C}12\text{AmG}$  had a minor effect on hydrophobic interactions.  $\text{C}12\text{OOG}$  showed the strongest cooperative binding and effect on the formation of the  $\alpha$ -helix in  $\text{P}(\text{Glu})$ . The methylene spacer interfered with  $\text{C}12\text{AmG}$  binding and  $\alpha$ -helix formation in  $\text{P}(\text{Glu})$ .

**IT** 49922-90-1

**RL:** PER (Physical, engineering or chemical process); PRP (Properties); PYR (Physical process); PROC (Process)

**(cooperative binding and conformational changes of poly(L-glutamic acid) in presence of dodecanoyleamidoalkyl guanidinium salts)**

**IT** 17 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

**ACCESSION NUMBER:** 2003:150590 **CAPLUS**

**DOCUMENT NUMBER:** 138193588

**TITLE:** Preparation of dermally-applicable bactericidal guanidine derivatives

**INVENTOR(S):** Yumoka, Ryosuke; Nakanishi, Noriyuki; Yokota, Hirofumi; Ajinomoto Co., Inc., Japan

**SOURCE:** Eur. Pat. Appl., 33 pp.

**DOCUMENT TYPE:** Patent

**LANGUAGE:** English

**AB** The title compds.  $\text{R}_1\text{CONHNH}_2$ , wherein  $\text{R}_1$  and  $\text{R}_2$  are  $\text{H}$ , straight or branched alkyl or alkenyl, having 1 to 4 carbon atoms,  $\text{R}_3$  denotes a straight or branched alkyl group or alkenyl group having 1 to 22 carbon atoms, and  $\text{A}$  denotes a straight or branched alkylene group or alkenylene

**IT** (binding; cooperative binding and conformational changes of poly(L-glutamic acid) in presence of dodecanoyleamidoalkyl guanidinium salts)

**IT** Conformational transition

**$\alpha$ -Helix**  
 (cooperative binding and conformational changes of poly(L-glutamic acid) in presence of dodecanoyleamidoalkyl guanidinium salts)

**IT** Peptides, properties

**RL:** PEP (Physical, engineering or chemical process); PRP (Properties); PYR (Physical process); PROC (Process)

**(cooperative binding and conformational changes of poly(L-glutamic acid) in presence of dodecanoyleamidoalkyl guanidinium salts)**

**IT** Onium compounds

**RL:** PEP (Physical, engineering or chemical process); PRP (Properties); PYR (Physical process); PROC (Process)

**(cooperative binding and conformational changes of poly(L-glutamic acid) in presence of dodecanoyleamidoalkyl guanidinium salts)**

**IT** Poly(L-glutamic acid), sru 25513-46-6, Poly(L-glutamic acid) 58075-15-3, 131148-39-0 142348-21-8 49922-90-1, 595566-14-6

**RL:** PEP (Physical, engineering or chemical process); PRP (Properties); PYR (Physical process); PROC (Process)

**(cooperative binding and conformational changes of poly(L-glutamic acid) in presence of dodecanoyleamidoalkyl guanidinium salts)**

**IT** 17 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

**ACCESSION NUMBER:** 2003:150590 **CAPLUS**

**DOCUMENT NUMBER:** 138193588

**TITLE:** Preparation of dermally-applicable bactericidal guanidine derivatives

**INVENTOR(S):** Yumoka, Ryosuke; Nakanishi, Noriyuki; Yokota, Hirofumi; Ajinomoto Co., Inc., Japan

**SOURCE:** Eur. Pat. Appl., 33 pp.

**DOCUMENT TYPE:** Patent

**LANGUAGE:** English

**AB** The title compds.  $\text{R}_1\text{CONHNH}_2$ , wherein  $\text{R}_1$  and  $\text{R}_2$  are  $\text{H}$ , straight or branched alkyl or alkenyl, having 1 to 4 carbon atoms,  $\text{R}_3$  denotes a straight or branched alkyl group or alkenyl group having 1 to 22 carbon atoms, and  $\text{A}$  denotes a straight or branched alkylene group or alkenylene

group having 1 to 10 carbon atoms, are prepared. The compds. are usable as washing compns. and antibacterial fiber aggregates, as well.

IT

499222-90-1P  
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation as bactericide)

RN 499222-90-1 CAPLUS  
CN Dodecanamide, N-(4-[(aminoiminomethyl)amino]butyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

IC ICM AD11047-44  
CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 10, 23

ST Skin pharmaceutical bactericide guanidine deriv prep

IT Antibacterial agents

Skin preparations (pharmaceutical)

(dermally-applicable bactericidal guanidine derivs.)

IT Health products

(fiber aggregates; dermally-applicable bactericidal guanidine derivs.)

IT 306-60-5D, cocoylamine, phosphac salt 52198-75-1D, cocoylamine, acetate and citrate salts 61591-24-6D, cocoylamine, citrate salt 1-3555-54-8

159858-54-5 161865-39-0 185330-57-8 185593-04-8

499222-91-2 499222-92-3 499222-93-4 499222-94-5

499222-97-8 499222-99-0 499223-01-7 499223-02-8

499223-05-1 499223-06-2 499223-08-4 499223-09-5

499223-11-9 499223-13-1 499223-14-2 499223-15-3

499223-17-5 499223-18-6 499223-19-7 499223-20-0

RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(biologically-applicable bactericide)

IT 499222-90-1P  
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation as bactericide)

IT 112-16-3, lauroyl chloride

RL: RCT (Reactant); RACT (Reactant or reagent)

(reactant in preparation of bactericidal guanidine derivative)

IT 2492-00-0  
RL: RCT (Reactant); RACT (Reactant or reagent)

(reactant in preparation of bactericidal guanidine derivs.)

IT 499222-90-1P  
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation as bactericide)

ED Entered SN: 27 Feb 2003  
REFERENCE COUNT: 8

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

18 0 16

=> FILE USPATFULL

=> S 17 2 16

L9 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2004-228078 USPATFULL

TITLE: Liquid composition with improved storage stability, which contains an amide group-containing guanidine derivative or/and a salt thereof

Kanatani, Eizo, Kawasaki-shi, JAPAN

Miyazawa, Kiyoshi, Nagawa-ken, JAPAN

Ikeda, Hiroko, Kakegawa-shi, JAPAN Ajinomoto Co., Inc., Tokyo, JAPAN (non-U.S. corporation)

NUMBER	KIND	DATE
US 2004-171644	A1	20040509 (10)
US 2004-771535	A1	20040205 (10)

NUMBER

DATE

JP 2003-42576

20030220

PRIORITY INFORMATION:

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

EXEMPLARY CLAIM:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Herein is disclosed a liquid composition containing a specific amide group-containing guanidine derivative or/and a salt thereof (component A) and at least one (component B) selected from the group consisting of an inorganic salt, an organic acid salt, nonionic surfactant and an ampholytic surfactant with an action to suppress the generation of the precipitate of the component A, in accordance with which can be provided a method for suppressing the generation of the precipitate of a specific amide group-containing guanidine derivative or/and a salt thereof in a liquid composition containing the derivative or/and a salt thereof, as well as such liquid composition with improved storage stability can be provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 499222-90-1

(agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)

RL: RCT (Reactant); RACT (Reactant or reagent)

(reactant in preparation of bactericidal guanidine derivs.)

IT 499222-90-1P  
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation as bactericide)

ED Entered SN: 27 Feb 2003  
REFERENCE COUNT: 8

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FILE BIOSIS  
=> S 17 ● HCl

INCL	INCLM:	514/629, 000	INCLS:	424/679, 000; 424/680, 000
NCL	NCIM:	514/629, 000		
IC	NCIS:	424/679, 000; 424/680, 000		
	(7)			
	ICM	A61K031-16		
	ICS	A61K033-16 [ICM, 7]; A61K0033-14 [ICS, 7]		
	IPCI	A61K0033-16 [ICM, 7]; A61K0033-14 [ICS, 7]; A61K0008-37 [I,A]; A61K0008-30 [I,C*]; A61K0008-37 [I,A]; A61K0008-43 [I,A]; A61K0008-44 [I,A]; A61Q0011-00 [I,A]; A61Q0019-00 [I,C]		
	IPCR	A61K0008-20 [I,A]; A61K0008-02 [I,C*]; A61K0008-37 [I,A]; A61K0008-43 [I,A]; A61K0008-44 [I,A]; A61Q0011-00 [I,A]; A61Q0019-00 [I,C]		
CHEMICAL ABSTRACTS INDEXING				
COPYRIGHT 2006 ACS on STN				
	PATENT	KIND	DATE	
OS	CA 141:212330 *	EP 1449519	A1 20040825	
	* CA Indexing for this record included			
CC	62-11(Essential Oils and Cosmetics)			
	Section cross-reference(s): 63			
ST	guanidine deriv amide liq cosmetic pharmaceutical pptn suppression: salt surfactant pptn suppression guanidine deriv amide liq Mouthwashes			
IT	(agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Salts, uses (agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Surfactants (amphoteric: agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Betaines (carbo-, agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Fatty acids, uses (ethoxyliated: agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Castor oil (hydrogenated, ethoxylated ester derivs.; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Betaines (hydrogenated, ethoxylated ester derivs.; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Betaines (hydrogenated, ethoxylated ester derivs.; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Betaines (hydroxysulfo-, agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Cosmetics Drug delivery systems (liqs.; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Cosmetics (lotions; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Surfactants (nonionic; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Salts, uses (organic: agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Precipitation (chemical) (suppression of: agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	Paper (tissue, wet: agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	113-00-8D, Guanidine, amide group-containing derivs.		161865-39-0	
IT	4932-90-1, 742095-71-2 (agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	72-17-3, Sodium lactate oil ester derivs. 127-08-2, Proplutamic acid, ethoxylated castor glutamate 585-09-1, Potassium malate, 676-46-0, Sodium malate 7477-40-7, Potassium chloride, uses 1407-45-5, Potassium aspartate 1700-93-6, 30399-84-9D, Isostearic acid, ethoxylated castor oil ester derivs. 147130-22-1 (agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	12441-09-7D, Sorbitan, fatty acid esters, ethoxylated (surfactants; agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
IT	113-00-8D, Guanidine, amide group-containing derivs.		161865-39-0	
IT	4932-90-1, 742095-71-2 (agents for suppression of precipitation of liquid compns. containing amide group-containing guanidines or their salts)			
L9	ANSWER 2 OF 2 USPATFULL ON STN			
	ACCESSION NUMBER: 2003-232637 USPATFULL			
	TITLE: Bactericide, antiseptic, dermally applicable composition, washing composition, antibacterial fiber aggregate, method for eradicating a microorganism, and method for inhibiting the proliferation of a microorganism			
	INVENTOR(S): Yumioka, Ryosuke, Kanagawa, JAPAN Nakanishi, Noriyuki, Kanagawa, JAPAN Yokota, Hirofumi, Kanagawa, JAPAN Akinomoto Co., Inc., Tokyo, JAPAN (non-U.S. corporation)			
	PATENT ASSIGNEE(S):			
	PATENT INFORMATION:			
	APPLICATION INFO.:			
	NUMBER	KIND	DATE	
	US 200312838	A1	20030828	
	US 2002-212733	A1	20020807	(10)
	NUMBER	KIND	DATE	
	JP 2001-150557	20010821		
	PRIORITY INFORMATION:			
	DOCUMENT TYPE:			
	FILE SEGMENT:			
	LEGAL REPRESENTATIVE:			
	EXEMPLARY CLAIM:			
	LINE COUNT:			
	1394			
	CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
	AB A bactericide and an anticeptic comprises at least an amide			

